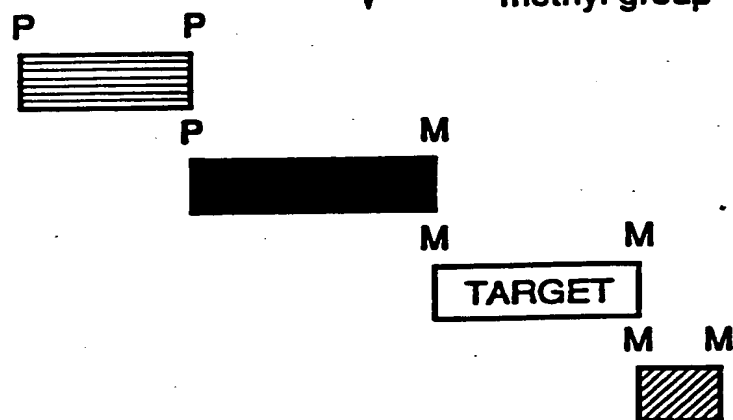


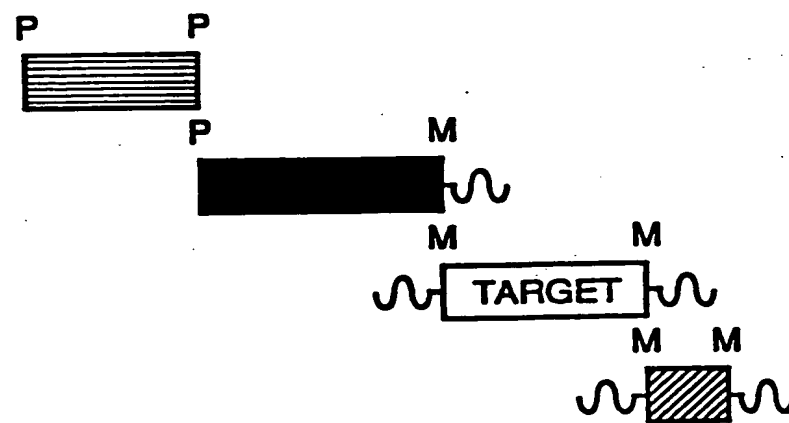
# TESTER DNA



M = master enzyme  
P = partner enzyme  
Ⓜ = demethylated methyl group



m-linker (⌚)



PCR

m amplicon + target

FIG. 1A

# DRIVER DNA



↓  
 M = master enzyme  
 P = partner enzyme  
 (m) = methyl group

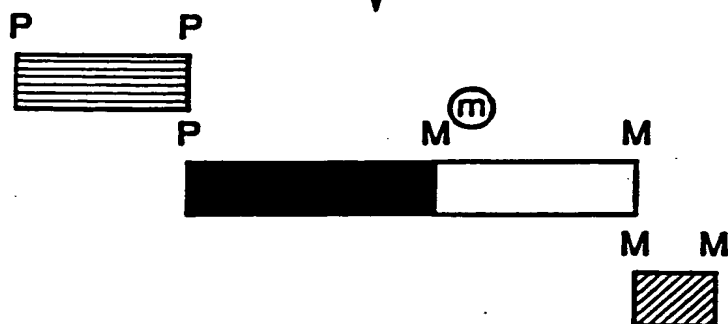
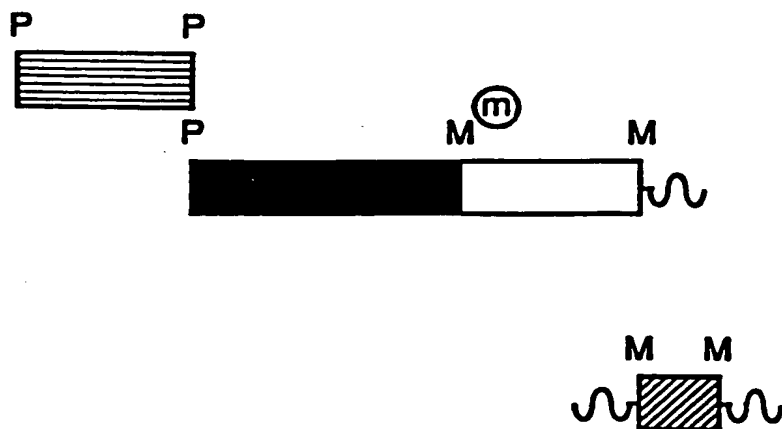


FIG. IB

↓  
 m-linker (wavy line)



↓  
 PCR

m amplicon



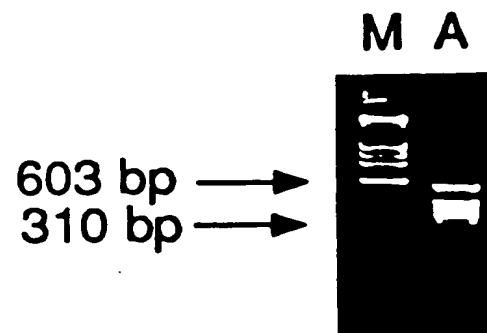


FIG. 2

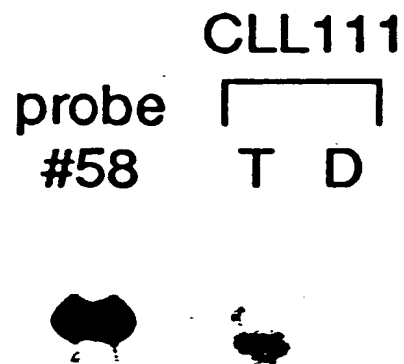


FIG. 3

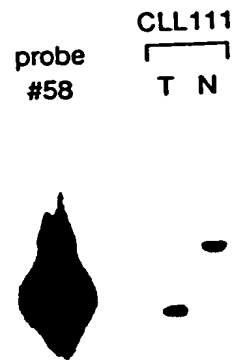


FIG. 4

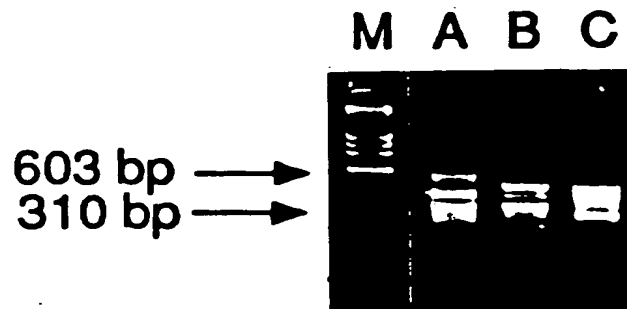


FIG. 5

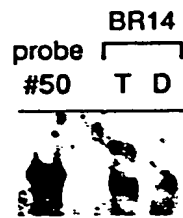


FIG. 6A

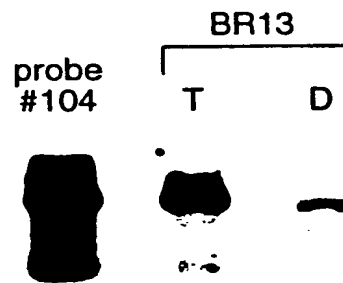


FIG. 6B

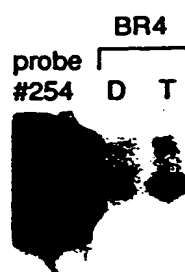


FIG. 6C

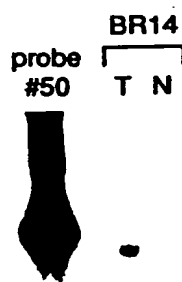


FIG. 7A

BR13  
 probe T N  
 #104



FIG. 7B

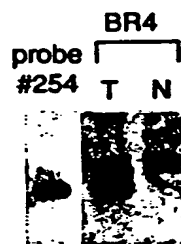


FIG. 7C

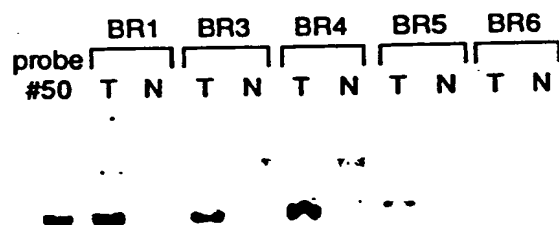


FIG. 8

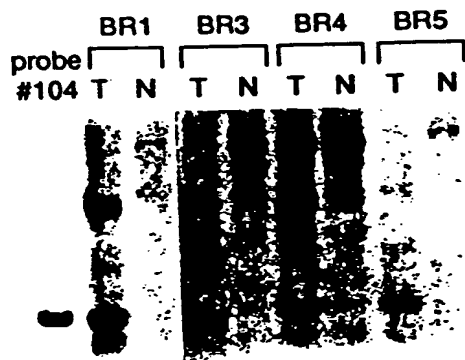


FIG. 9



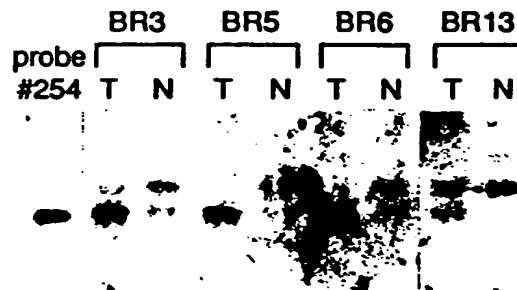


FIG. 10



FIG. 11

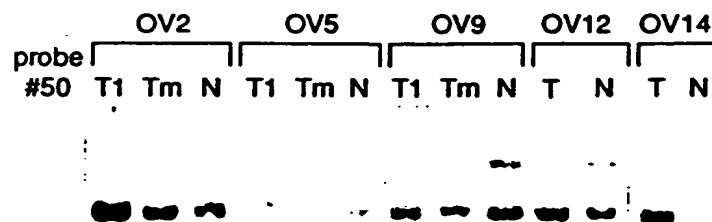


FIG. 12

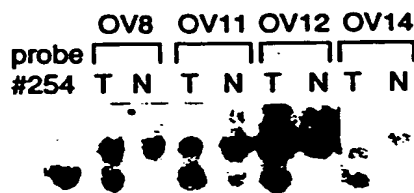


FIG. 13

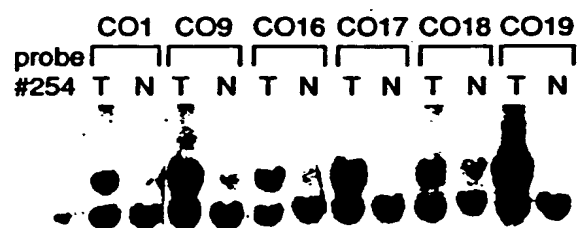


FIG. 14

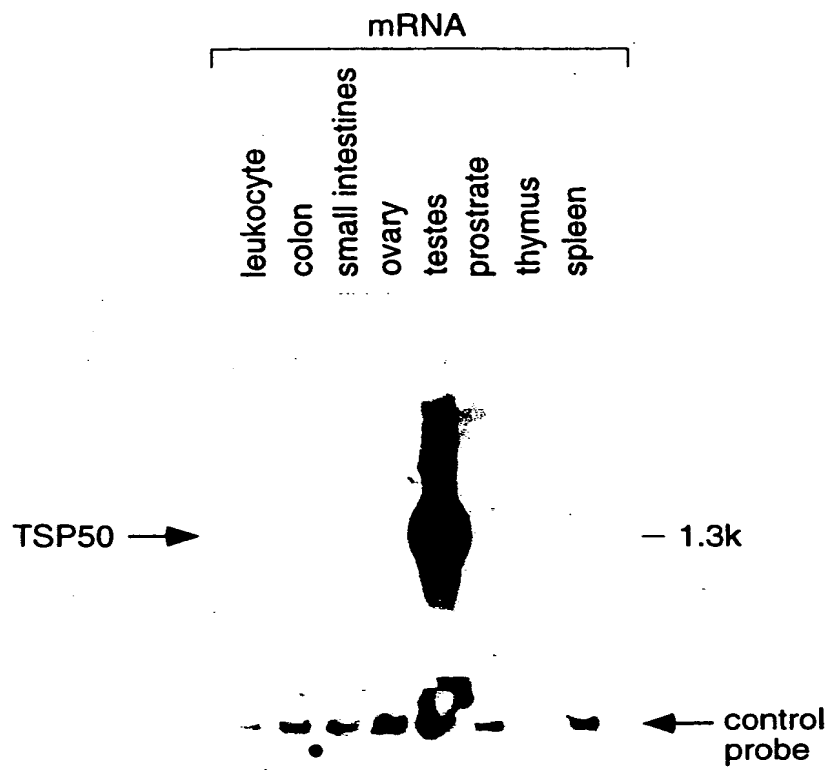


FIG. 15

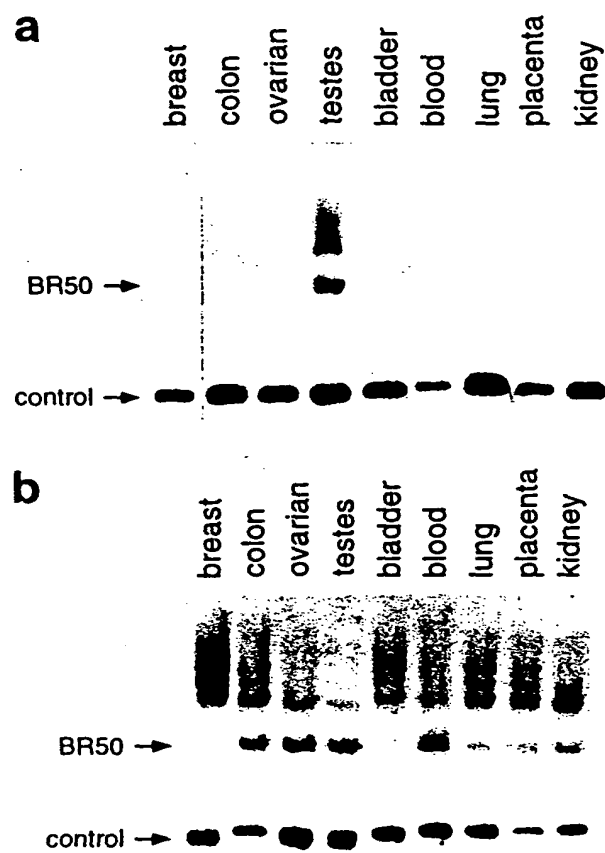


FIG. 16



FIG. 17